

AMENDMENTS TO THE SPECIFICATION

Please delete the section entitled "SUMMARY OF THE INVENTION" and beginning on page 3 of the specification, and replace it with the following replacement section:

SUMMARY OF THE INVENTION

A camera system simulates fill flash by determining distances from the camera to objects in a scene, taking a photograph of the scene without using a flash, and selectively adjusting the brightness of regions of the photograph based on the distance information.

~~A digital camera takes several photographs of a scene in rapid succession without using an electronic flash, each photograph focused at a different distance from the camera. Each photograph is recorded along with its focus distance. The photographs are analyzed using spatial contrast analysis to determine which parts of each scene are in focus. The focus information is combined with the recorded focus distances to determine the distance from the camera to each part of the scene. Regions of the scene are selectively adjusted in brightness based on the distance information to simulate the effect that would have resulted had flash been used.~~